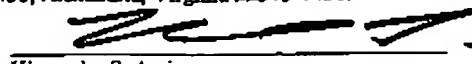


PATENT

99RE059A / ALBRP133USA

CERTIFICATE OF FACSIMILE TRANSMISSION

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Applicant(s): Peter J. Unsworth, et al.

Serial No: 10/824,899

Filing Date: April 15, 2004

Examiner: Wilbert L. Starks

Art Unit: 2121

Title: DETECTION OF PUMP CAVITATION/BLOCKAGE AND SEAL FAILURE VIA
CURRENT SIGNATURE ANALYSIS

Attn: Wilbert L. Starks
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants' hereby submit the attached Information Disclosure Statement for consideration by the Examiner. Please forward a copy directly to Examiner Wilbert L. Starks.

10/824,899

99RE059A / ALBRP133USA

Respectfully submitted,

AMIN & TUROCY, LLP



Himanshu S. Amin

Reg. No. 40,894

AMIN & TUROCY, LLP
24TH Floor, National City Center
1900 E. 9TH Street
Cleveland, Ohio 44114
Telephone (216) 696-8730
Facsimile (216) 696-8731

PTO/SB/05a (08-03)

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STATEMENT BY APPLICANT**

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Sheet 1 of 2

Complete if Known

Application Number	10/824,899
Filing Date	April 15, 2004
First Named Inventor	Peter J. Unsworth
Art Unit	2121
Examiner Name	Wilbert L. Starks
Attorney Docket Number	99RE059A / ALBRP133USA

U. S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,985,857	01-15-1991	Bajpai, et al.	
		US- 5,305,235	04-19-1994	Izui, et al.	
		US- 5,419,197	05-30-1995	Ogi, et al.	
		US- 5,623,579	04-22-1997	Damiano, et al.	
		US- 5,627,941	05-06-1997	Takahashi, et al.	
		US- 5,772,403	06-30-1998	Allison, et al.	
		US- 5,846,056	12-08-1998	Dhindsa, et al.	
		US- 5,864,773	01-26-1999	Barna, et al.	
		US- 5,919,267	07-06-1999	Unes, et al.	
		US- 6,260,004	07-10-2001	Hays, et al.	
		US- 6,326,758	12-04-2001	Disenzo	
		US- 6,330,525	12-11-2001	Hays, et al.	
		US- 6,757,665	06-29-2004	Unsworth, et al.	
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² Number ⁴ Kind Code ⁵ (if known)				

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2

of

2

Complete if Known

Application Number

10/824,899

Filing Date

April 15, 2004

First Named Inventor

Peter J. Unsworth

Art Unit

2121

Examiner Name

Wilbert L. Starks

Attorney Docket Number

99RE059A / ALBRP133USA

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		CHEON, et al.; "Application of Neural Networks to Multiple Alarm Processing and Diagnosis in Nuclear Power Plants", IEEE Transaction on Nuclear Science, Feb. 1993, Vol. 40, No. 1	

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